

Bear River Development Planning Update

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Utah Division of Water Resources Mission Statement:

- Plan
- Conserve
- Develop
- Protect



Utah's Water Resources

1991 Utah Legislature

Bear River Development Act

Utah Code 73-26

“The Division (Utah Division of Water Resources) shall develop the surface waters (220,000 acre-feet) of the Bear River and its tributaries through the planning and construction of reservoirs and associated facilities as authorized and funded by the Legislature”

Bear River Development Act

Allocations for Water Conservancy Districts (acre-feet)

BRWCD: Bear River WCD
(Box Elder County)

CWD: Cache WD
(Cache County)

JVWCD: Jordan Valley WCD
(Salt Lake County)

WBWCD: Weber Basin WCD
(Davis/Weber Counties)



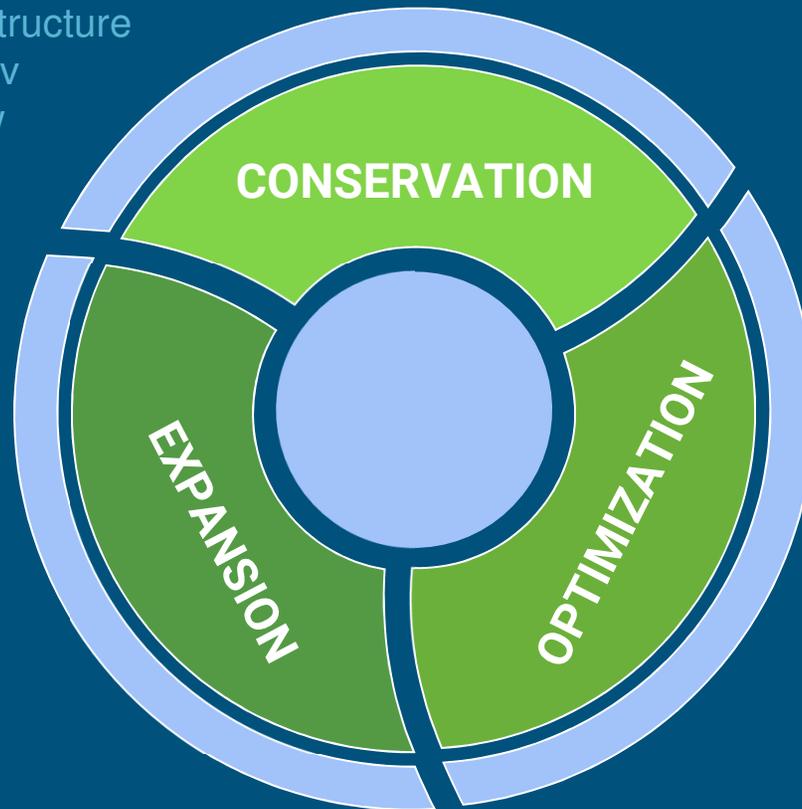
Projections

Bear River Development

- 1991
 - Needed by 2015
- Early 2000's
 - Needed by 2030-2035
- 2018
 - Needed by 2045-2050

Multi-Faceted Solutions

- Water Rate Structure
- water.utah.gov
- Slow the Flow
- Education
- H2Oath



- Local/Regional Projects
- State Development Projects

- Secondary Water Meters
- Ag Efficiency Projects
- Agriculture Conversions
- Water Reuse

Recent Planning Studies

- 2010 Washakie Reservoir Feasibility Study
 - 2014 Pipeline Concept Report
 - Current Feasibility Study
 - Update to 2014 Report
 - Planned release in October

Current Feasibility Study

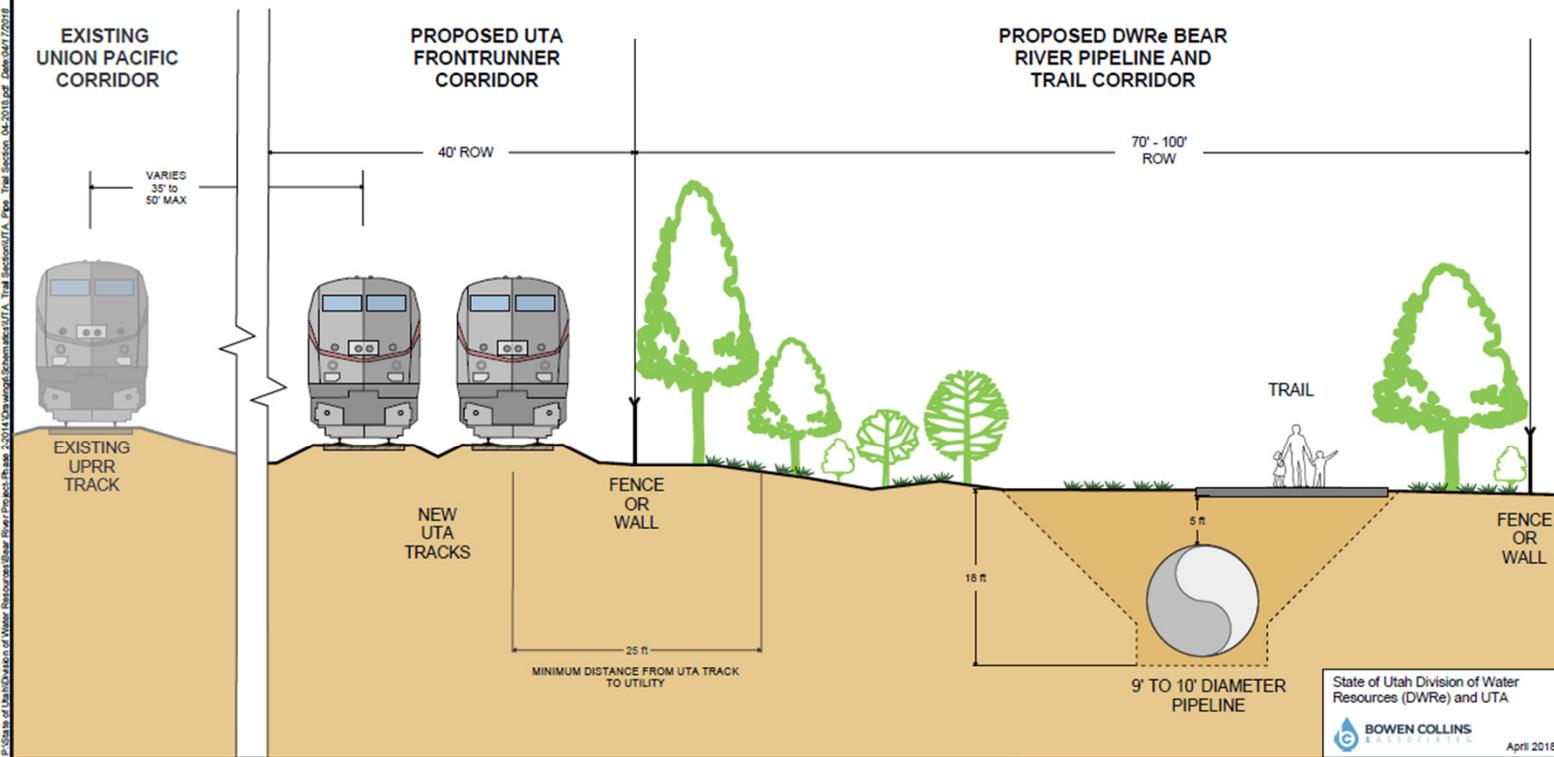
- Updated cost estimate - range
- Conceptual BRD System
 - How would pipelines, reservoirs, pumps work together
- Closer look at potential components
 - Potential reservoir sites – 7 sites down from 45 sites
 - Potential ROW corridors for large-diameter pipeline
- Updated hydrology data for modeling
- Preliminary modeling of climate change impacts
- Discussion of potential impacts on GSL elevation

Right-of-Way Acquisition

- Large diameter pipeline
 - 70-100 feet needed (shored versus open trench)
- Reduce future impacts to surrounding communities
- Stay ahead of development – particularly houses
- Partnership with Utah Transit Authority (UTA)
 - Memorandum of Agreement signed in 2018
 - Shared utility corridor through Box Elder County
 - Working with developers, private landowners – willing sellers



CONCEPTUAL CROSS SECTION FOR POTENTIAL TRANSPORTATION & UTILITY CORRIDOR WITH TRAIL



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Questions / Comments

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